Subject Index, Volume 18, 1985

A

Abnormal automaticity
ventricular arrhythmias following one-stage and two-stage coronary reperfusion: evidence for both reentry and enhanced automaticity, 1:87-96

Accessory pathway
atrioventricular nodal reentry in the Wolff-Parkinson-White syndrone, 3:295-298
cycle length change during reciprocating tachycardia in patients with Wolff-Parkinson-White syndrome, 2:135-140

Accessory AV pathway
a quantitative method for the localization of the ventricular pre-excitation area in the Wolff-Parkinson-White syndrome using singular value decomposition of body surface potentials, 2:157-168

Acetylcholine
effect of perfusion rate of cholinergic agonist on sinus node automaticity, 3:287-294

Amiodarone
asystole during treatment with amiodarone in a patient with persistent atrial tachycardia, 1:105-110

Amitriptyline
amitriptyline-induced torsade de pointes. successful therapy with atrial pacing, 3:299-302

Animal studies
ability of standard ECG parameters to detect the body surface isopotential abnormalities of pacing-induced myocardial ischemia in the dog, 1:77-86
characterization of impact-induced tachyarrhythmia utilizing propranolol, quinidine and pacing, 2:151-156
does A-H interval accurately represent intranodal conduction time during ectopic rhythms? 4: 331-340
effect of brief bursts of carotid sinus stimuli on heart rate and atrioventricular conduction, 1:63-70
effect of higenamine on action potential of ventricular myocardial cells, 1:97-104
effects of activation sequence on ventricular refractory periods of ischemic canine myocardium, 4: 323-330
effects of tachycardia with normal and ectopic ventricular activation on S-T segment potentials and patterns in the dog, 3:223-232
electrophysiological effect of disopyramide on rabbit sinus node cells, 4: 377-384
frequency content of the electrocardiogram. spatial features and effects of myocardial infarction, 2:185-194
traumatic heart block and tachyarrhythmia induced by right ventricular impact, 2:141-150

Aortic stenosis
electrocardiographic estimate of peak systolic pressure gradient in children with aortic stenosis, 3:203-210

AQRS departure map
Detection of posterior myocardial infarction by body surface mapping: a comparative study with 12 lead ECG and VCG, 4: 361-370

Arrhythmia
sinus node echoes and concealed concealed conduction: additional sinus node phenomena confirmed in man by direct sinus node electrography, 3:259-266
mechanism of antiarrhythmic action of β-blocking agents, 2:169-174

Arrhythmia, during coronary angiography
time course alterations of QTC interval due to hypaque 76, 1:51-54

Asynchronous conduction properties
asynchronous intraventricular recovery as a basis for 'apparent supernormality', 2:195-202

Asystole
asystole during treatment with amiodarone in a patient with persistent atrial tachycardia, 1:105-110

Atrial
fibrillation
evaluation of transthoracic countershock with initial energy levels up to 200 J in a coronary care unit, 3:251-258
pacing
amitriptyline-induced torsade de pointes. successful therapy with atrial pacing, 3:299-302
tachycardia
asystole during treatment with amiodarone in a patient with persistent atrial tachycardia, 1:105-110

Atrioventricular reentry
atrioventricular nodal reentry in the Wolff-Parkinson-White syndrom, 3:295-298

Autonomic nervous system
effect of brief bursts of carotid sinus stimuli on heart rate and atrioventricular conduction, 1:63-70

AV nodal refractoriness
does A-H interval accurately represent intranodal conduction time during ectopic rhythms? 4: 331-340

Axis deviation
left bundle branch block with right axis deviation: a marker of congestive cardiomyopathy, 4: 395-404

B

Beta blocking agents
characterization of impact-induced tachyarrhythmia utilizing propranolol, quinidine and pacing, 2:151-156
mechanism of antiarrhythmic action of ß-blocking agents, 2:169-174

Border zone
characterization of impact-induced tachyarrhythmia utilizing propranolol, quinidine and pacing, 2:151-156

Bradyarrhythmias
effect of higenamine on action potential of ventricular myocardial cells, 1:97-104

Bronchial asthama
P-wave changes in obstructive and restrictive lung diseases, 3:233-238

Bundle branch block
asynchronous intraventricular recovery as a basis for 'apparent supernormality,' 2:195-202
left bundle branch block with right axis deviation: a marker of congestive cardiomyopathy, 4:395-404
raumatic heart block and tachyarrhythmia induced by right ventricular impact, 2:141-150

C

Cardiac catheterization
electrocardiographic estimate of peak systolic pressure gradient in children with aortic stenosis, 3:203-210

Carotid sinus stimulation
effect of brief bursts of carotid sinus stimuli on heart rate and atrioventricular conduction, 1:63-70

Children
racial differences in electrocardiograms and vectorcardiograms between black and white adolescents, 1:309-314

Chronic pulmonary emphysema
P-wave changes in obstructive and restrictive lung diseases, 3:233-238

Chronobiology
a chronobiological study on some cardiovascular parameters, 4: 385-394

Circadian rhythms
a chronobiologic study on some cardiovascular parameters, 4: 385-394

Computer simulation
effects of activation sequence on ventricular refractory periods of ischemic canine myocardium, 4: 323-330

Computer-assisted investigation
automatic identification of late potentials, 2:123-134

Computerized spatial vectorcardiography
comparative accuracy of computerized spatial vectorcardiography and standard electrocardiography for detection of myocardial infarction, 2:111-122

Concealed ventricular extrasystoles
prime number variant of concealed trigeminy, 4:409-414

Congestive
cardiomyopathy,
left bundle branch block with right axis deviation: a marker of congestive cardiomyopathy, 4: 395-404
heart failure
dilated cardiomyopathy: utility of the transverse:frontal plane QRS voltage ratio, 1:35-40

Cornonary artery disease
ability of standard ECG parameters to detect the body surface isopotential abnormalities of pacing-induced myocardial ischemia in the dog, 1:77-86
qualitative and quantitative evaluation of the exercise electrocardiogram in assessing the degree of coronary heart disease, 1:55-62

Countershock
evaluation of transthoracic countershock with intitial energy levels up to 200 J in a coronary care unit, 3:251-258

Cycle length change
cycle length change during reciprocating tachycardia in patients with Wolf-Parkinson-White syndrome, 2:135-140

D

Data reduction
a quantitative method for the localization of the ventricular pre-excitation area in the Wolf-Parkinson-White syndrome using singular value decompositon of body surface potentials, 2:157-168

Denervation
traumatic heart block and tachyarrhythmia induced by right ventricular impact, 2:141-150

Dilated cardiomyopathy
dilated cardiomyopathy: utility of the transverse: frontal plane QRS voltage ratio, 1:35-40

Disopyramide
Electrophysiological effect of disopyramide on the rabbit sinus node cells, 4: 377-384

Dl-demethylcoclaurine
effect of higenamine on action potential of ventricular myocardial cells, 1:97-104

E

ECG
the Brody effect and change of volume of the heart, 1:71-76

Ejection fraction
significance of ST-segment and T wave changes in the

resting electrocardiograms of patients with exertional angina, studied by exercise radionuclide angiocardiograms, 2:175-184

Electrocardiogram
electrocardiographic estimate of peak systolic pressure gradient in children with aortic stenosis, 3:203-210
qualitative and quantitative evaluation of the exercise electrocardiagram in assessing the degree of coronary heart disease, 1:55-62

Electrocardiographic changes
the clinical implications of electrocardiographic changes in first acute myocardial infarction, 4:371-376

Electrocardiographic normalization
stroke masking electrocardiographic abnormalities, 4: 405-408

Electrocardiography
effects of tachycardia with normal and ectopic ventricular activation on S-T segment potentials and patterns in the dog, 3:223-232
dilated cardiomyopathy: utility of the transverse: frontal plane QRS voltage ratio, 1:35-40
frequency content of the electrocardiogram. spatial features and effects of myocardial infarction, 2:185-194

Electrocardiography, standard
comparative accuracy of computerized spatial vectorcardiography and standard electrocardiography for detection of myocardial infarction, 2:111-122

Electrophysiology
sinus node echoes and concealed concealed conduction: additional sinus node phenomena confirmed in man by direct sinus node electrography, 3:259-266

Electrophysiology of the swine heart
effect of higenamine on action potential of ventricular myocardial cells, 1:97-104

Electrotonus
effects of activation sequence on ventricular refractory periods of ischemic canine myocardium, 4:323-330

Ergometer exercise
significance of ST-segment and T wave changes in the resting electrocardiograms of patients with exertional angina, studied by exercise radionuclide angiocardiograms, 2:175-184

Exercise stress testing
ability of standard ECG parameters to detect the body surface isopotential abnormalities of pacing-induced myocardial ischemia in the dog, 1:77-86

Exercise test
qualitative and quantitative evaluation of the exercise electrocardiogram in assessiang the degree of coronary heart disease, 1:55-62

Exercise training
normal variations in body surface electrocardiographic potential distributions during QRS: effects of exercise and exercise training, 3:239-250

Exit block
asystole during treatment with amiodarone in a patient with persistent atrial tachycardia, 1:105-110

F

Fourier analysis
frequency content of the electrocardiogram. spatial features and effects of myocardial infarction, 2:185-194

H

Heart rate
effect of perfusion rate of cholinergic agonist on sinus node automaticity, 3:287-294

Hemorrhage, subarachnoid
stroke masking electrocardiographic abnormalities, 4: 405-408

High calcium
overdrive excitation and cellular calcium load in canine cardiac Prukinje fibers, 1:21-34

High resolution ECG
late potential-like deflections in the ST segment of normal subjects, 4: 315-322

His bundle electrogram
does A-H interval accurately represent intranodal conduction time during ectopic rhythms? 4: 331-340

Hypaque 76
time course alterations of QTC interval due to hypaque 76, 1:51-54

Hyperpotassium Tyrode's solution
effect of higenamine on action potential of ventricular myocardial cells, 1:97-104

I

Impact site
traumatic heart block and tachyarrhythmia induced by right ventricular impact, 2:141-150

Interstitial pulmonary fibrosis
P-wave changes in obstructive and restrictive lung diseases, 3:233-238

Intraatrial conduction
does A-H interval accurately represent intranodal conduction time during ectopic rhythms? 4: 331-340

Intraventricular conduction
asynchronous intraventricular recovery as a basis for apparent supernormality, 2:195-202

Inverted T wave
significance of ST-segment and T wave changes in the resting electrocardiograms of patients with exertional angina, studied by exercise radionuclide angiocardiograms, 2:175-185

Ischemia
characterization of impact-induced tachyarrhythmia utilizing propranolol, quinidine and pacing, 2:151-156

effects of activation sequence on ventricular refractory periods of ischemic canine myocardium, 4: 323-330

Isopotential mapping
ability of standard ECG parameters to detect the body surface isopotential abnormalities of pacing-induced myocardial ischemia in the dog, 1:77-86
effects of tachycardia with normal and ectopic ventricular activation on S-T segment potentials and patterns in the dog, 3:223-232
frequency content of the electrocardiogram. spatial features and effects of myocardial infarction, 2:185-194

L

Late potentials
late potential like deflections in the ST segment of normal subjects. 4: 315-322

Left ventriculography
detection of posterior myocardial infarction by body surface mapping: a comparative study with 12-lead ECG and VCG, 4: 361-370

Left ventricular hypertrophy
dilated cardiomyopathy: utility of the transverse: frontal plane QRS voltage ratio, 1:35-40

Lidocaine
ventricular arrhythmias following one-stage and two-stage coronary reperfusion: evidence for both reentry and enhanced automaticity, 1:87-96

Low sodium
overdrive excitation and cellular calcium load in canine cardiac Purkinje fibers, 1:21-34

M

Magnetocardiography
late potential-like deflections in the ST segment of normal subjects, 4: 315-322

Mapping
AQRS departure map
detection of posterior myocardial infarction by body surface mapping: a comparative study with 12 lead ECG and VCG, 4:361-370
body surface electrocardiographic mapping
exercise electrocardiographic mapping in normal subjects, 4:351-360
body surface isopotential mapping
a quantitative method for the localization of the ventricular pre-excitation area in the Wolff-Parkinson-White syndrome using singular value decomposition of body surface potentials, 2:157-168
epicardial isopotential mapping from body surface isopotential mapping in myocardial infarction, 3:277-286

Membrane
current
electrophysiological effect of disopyramide on the rabbit sinus node cells, 4:377-384
potential
electrophysiological effect of disopyramide on the rabbit sinus node cells, 4:377-384
stabilization
characterization of impact-induced tachyarrhythmia utilizing propranolol, quinidine and pacing, 2:151-156

Mn ..
effect of higenamine on action potential of ventricular myocardial cells, 1:97-104

Model
the Brody effect and change of volume of the heart, 1:71-76

Model, computer
localization of cardiac extopic activity in man by a single moving dipole. comparison of different computation techniques, 3:211-222

Moving dipole
localization of cardiac extopic activity in man by a single moving dipole. comparison of different computation techniques, 3:211-222

Myocardial infarction
epicardial isopotential mapping from body surface isopotential mapping in myocardial infarction, 3:277-286

Myocardial infarction, acute
the clinical implications of electrocardiographic changes in first acute myocardial infarction, 4:371-376

Myocardial infarction, detection of
comparative accuracy of computerized spatial vectorcardiography and standard electrocardiography for detection of myocardial infarction, 2:111-122

Myocardial ischemia
qualitative and quantitative evaluation of the exercise electrocardigram in assessing the degree of coronary heart disease, 1:55-62

Myocardial mitochondria
mechanism of antiarrhythmic action of β-blocking agents, 2:169-174

N

Norepinephrine
overdrive excitation and cellular calcium load in canine cardiac Purkinje fibers, 1:21-34

O

Orthogonal EKG
electrocardiographic and vectorcardiographic study of interatrial conduction disturbances with left atrial retrograde activation, 1:1-14

Oscillatory potential
overdrive excitation and cellular calcium load in canine cardiac Purkinje fibers, 1:21-34

Overdrive suppression
overdrive excitation and cellular calcium load in canine cardiac Purkinje fibers, 1:21-34

P

P axis
P-wave changes in obstructive and restrictive lung diseases, 3:233-238

P loop
electrocardiographic and vectorcardiographic study of interatrial conduction disturbances with left atrial retrograde activation, 1:1-14

P pulmonale
P-wave changes in obstructive and restrictive lung diseases, 3:233-238

P wave
electrocardiographic and vectorcardiographic study of interatrial conduction disturbances with left atrial retrograde activation, 1:1-14

Position of the heart
the Brody effect and change of volume of the heart, 1:71-76

Potential departure map
detection of posterior myocardial infarction by body surface mapping: a comparative study with 12 lead ECG and VCG, 4: 361-370

Premature ventricular contractions
Holter ECG study of the electrocardiographic phenomena in Prinzmetal angina attacks with emphasis on the study of ventricular arrhythmias, 3:267-276

Principal component analysis
a quantitative method for the localization of the ventricular pre-excitation area in the Wolff-parkinson-White syndrome using singular value decomposition of body surface potentials, 2:157-168

Propranolol
traumatic heart block and tachyarrhythmia induced by right ventricular impact, 2:141-150

Q

QTC, prolongation of
time course alterations of QTC interval due to hypaque 76, 1:51-54

R

Reentry
sinus node echoes and concealed conduction: additional sinus node phenomena confirmed in man by direct sinus node electrography, 3:259-266
ventricular arrhythmias following one-stage and two-stage coronary reperfusion: evidence for both reentry and enhanced automaticity, 1:87-96

Refractory periods
effects of activation sequence on ventricular refractory periods of ischemic canine myocardium, 4:323-330

Regression equation
electrocardiographic estimate of peak systolic pressure gradient in children with aortic stenosis, 3:203-210

Reperfusion
ventricular arrhythmias following one-stage and two-stage coronary reperfusion: evidence for both reentry and enhanced automaticity, 1:87-96

S

Scintigram, comparison with
epicardial isopotential mapping from body surface isopotential mapping in myocardial infarction, 3:277-286

Signal averaging technique
automatic identification of late potentials, 2:123-134

Sinus arrest
asystole during treatment with amiodarone in a patient with persistent atrial tachycardia, 1:105-110

Sinus node
effect of perfusion rate of cholinergic agonist on sinus node automaticity, 3:287-294
electrophysiological effect of disopyramide on the rabbit sinus node cells, 4: 377-384

Sinus node artery
effect of perfusion rate of cholinergic agonist on sinus node automaticity, 3:287-294

Slow afterdepolarization
overdrive excitation and cellular calcium load in canine

cardiac Purkinje fibers, 1:21-34

Slow current
effect of higenamine on action potential of ventricular myocardial cells, 1:97-104

ST depression
significance of ST-segment and T wave changes in the resting electrocardiograms of patients with exertional angina, studied by exercise radionuclide angiocardiograms, 2:175-184

ST depression infarction
non-transmural infarction: clinical distinction between patients with ST depression and those with T wave inversion, 1:15-20

ST segment
qualitative and quantitative evaluation of the exercise electrocardiogram in assessing the degree of coronary heart disease, 1:55-62

ST segment elevation
Holter ECG study of the electrocardiographic phenomena in Prinzmetal angina attacks with emphasis on the study of ventricular arrhythmias, 3:267-276

Supernormality
asynchronous intraventricular recovery as a basis for apparent 'supernormality,' 2:195-202

Surface mapping
electrocardiographic estimate of peak systolic pressure gradient in children with aortic stenosis, 3:203-210

T

T-1-201 myocardial perfusion imaging
detection of posterior myocardial infarction by body surface mapping: a comparative study with 12 lead ECG and VCG, 4: 361-370

T-wave inversion infarction
non-transmural infarction: clinical distinction between patients with ST depression and those with T-wave inversion, 1:15-20

Tachycardia, reciprocating
cycle length change during reciprocating tachycardia in patients with Wolff-Parkinson-White syndrome, 2:135-140

Theophylline
overdrive excitation and cellular calcium load in canine cardiac Purkinje fibers, 1:21-34

Three-level block in concealed trigeminy
prime number variant of concealed trigeminy, 4:409-414

Torsade de pointes
amitriptyline-induced torsade de pointes. successful therapy with atrial pacing, 3:299-302

Transmembrane action potentials
does A-H interval accurately represent intranodal conduction time during ectopic rhythms? 4: 331-340

Transthoracic resistance
evaluation of transthoracic countershock with initial energy levels up to 200 J in a coronary care unit, 3:251-258

V

Vagus
and heart rate
effect of brief bursts of carotid sinus stimuli on heart rate and atrioventricular conduction, 1:63-70
and atrioventricular conduction
effect of brief bursts of carotid sinus stimuli on heart rate and atrioventrioventricular conduction, 1:63-70

Vectorcardiogram
racial differences in electrocardiograms and vectorcardiograms between black and white adolescents, 4:309-314

Ventricular
arrhythmias
ventricular arrhythmias following one-stage and two-stage coronary reperfusion: evidence for both reentry and enhanced automaticity, 1:87-96
dysfunction
non-transmural infarction: clinical distinction between patients with ST depression and those with T wave inversion, 1:15-20
late potentials
automatic identification of late potentials, 2:123-134
repolarization
effects of tachycardia with normal and ectopic ventricular activation on S-T segment potentials and patterns in the dog, 3:223-232
tachycardia
Holter ECG study of the electrocardiographic phenomena in Prinzmetal angina attacks with emphasis on the study of ventricular arrhythmias, 3:267-276
trigeminy
prime number variant of concealed trigeminy, 4:409-414

Voltage clamp
electrophysiological effect of disopyramide on the rabbit sinus node cells, 4: 377-384

W

Waveforms, information from
effective extraction of diagnostic ECG waveform information using orthonormal basis functions derived from body surface potential maps, 4: 341-350

Wolfe-Parkinson-White syndrome
cycle length change during reciprocating tachycardia in patients with Wolff-Parkinson-White syndrome, 2:135-140
atrioventricular nodal reentry in the Wolff-Parkinson-White syndrome, 3:295-298